

Page 21, first full paragraph, please delete and insert the following:

AZ
sub
C1
OK
--Suitable hydroxyl group-containing substances are: polyvinyl alcohol, sugar alcohols, carbohydrates (i.e. saccharose, sorbitol), polysaccharides (i.e., dextran, starch, alginate, cellulose), and hydroxyl group containing neutral derivatives of the above compounds.

Page 21, second full paragraph, please delete and insert the following:

A3
sub
C2
--Examples of suitable bifunctional organic substances for preparing the hemostatic polymer composition of the invention include one of epichlorohydrin, dichlorohydrin, diepoxybutane, diepoxypropyl ether, ethylene-glycol-bis-epoxypropyl-ether.--

IN THE CLAIMS

Please amend claims 1, 3, 9, 11, 12, 13, 24, 26, 33, 37, and 41 to read as follows:

A4
sub
C3
1. A dry, storage stable, sterile dressing for application to a bleeding site which comprises a dry hemostatic zone, said zone comprising a matrix containing hemostatis-promoting amount of a hemostatic agent which accelerates blood coagulation and clot formation at an interface between the bleeding site and the hemostatic zone wherein said hemostatic agent comprises beads or grains of crosslinked dextran or epichlorohydrin. there

A5
sub
C4
3. The dry, sterile, dressing according to claim 1, further comprising a substrate.

A6
9. The dressing of claim 1, wherein the dextran is crosslinked with or epichlorohydrin. by itself

A7
11. The dressing according to claim 1, wherein the (hemostatic agent) further contains at least one of collagen, fibrinogen or thrombin. matrix

12. The dressing according to claim 1, wherein the matrix further comprises a pharmaceutical agent.

sub-D3
13. The dressing according to claim 12, wherein said pharmaceutical agent is at least one of anti-inflammatory analgesic agents, steroidal anti-inflammatory agents, antihistamines, local anesthetics, bactericides or disinfectants,

A7
cont'd

vasoconstrictors, chemotherapeutic drugs, antibiotics, keratolytics, cauterizing agents, antiviral drugs and mixtures thereof.

A8

24. A dry, sterile dressing for application to a bleeding site which provides an anti-microbial hemostatic zone, said zone comprising a matrix containing a complex comprising a hemostasis-promoting amount of a hemostatic agent effective to accelerate blood coagulation and clot formation at an interface between the bleeding site surface and the reagent zone and an effective amount of anti-microbial agent wherein said hemostatic agent comprises beads or grains of crosslinked dextran.

NElected

A9

26. A hemostatic patch suitable for rapidly arresting bleeding and inducing rapid clot formation at a bleeding site, said patch comprising a dry sterile storage stable flexible matrix containing a hemostatic agent composition on one face only thereof which provides a dry hemostatic zone, said patch being effective to accelerate blood coagulation and clot formulation at an interface between a bleeding site surface and the reagent zone of the patch, wherein said hemostatic agent comprises beads or grains of crosslinked dextran.

NEEC

A10

33. A method for staunching bleeding from a bleeding site, which comprises applying to the bleeding site the hemostatic patch according the hemostatic patch according to claim 26 for a period of time sufficient to staunch said bleeding.

NEsec

A11

37. A bandage for application to a bleeding site comprising

- (i) a central portion adapted to be directly applied to the bleeding site; and
- (ii) a strip for adhesion to an area continuous to and in spaced-apart relation to the bleeding site, whereby the bandage is adapted to be applied substantially, without wrinkling to a contoured or flexing body part and is adapted to adhere reliably, wherein the central portion of said bandage comprises a hemostatic zone containing a suitable matrix having a hemostasis-promoting amount of a hemostatic agent effective to accelerate blood coagulation and clot formation in an interface between a bleeding site surface and the central portion of said bandage wherein said hemostatic agent comprises a central portion adapted to be directly applied to the bleeding site and wherein said hemostatic agent comprises beads or grains of crosslinked dextran.

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-AR2
41. A dry, removable dressing pouch comprising

(a) a strip comprising:

(i) a flexible substrate sheet and the dry sterile dressing of claim 1 carried on said strip and

(ii) a protective layer enclosing the strip.

Please cancel claims 2, 4-8, 10, 25, 27, 38, 39, 43 and 44 without prejudice subject to the possible filing of a continuation application reciting this subject matter.

Please add the following claims:

AB
45. A pharmaceutical composition useful for rapid induction of blood coagulation and homeostasis comprising a therapeutically effective amount of a hemostatic polymer in combination with a pharmaceutically acceptable carrier or diluent, said hemostatic polymer comprising beads or grains of a crosslinked dextran.

46. The pharmaceutical composition according to claim 45, wherein the aerosol suspension includes at least one of a CO₂, nitrogen, air.

47. The pharmaceutical composition according to claim 45, wherein the said homeostatic polymer composition is a powder.

48. The pharmaceutical composition according to claim 45, wherein the homeostatic polymer composition is a microsphere.

49. The pharmaceutical composition according to claim 45, wherein the dextran is crosslinked with epichlorohydrin.

50. The pharmaceutical composition according to claim 45, further comprising a bioactive agent.

51. The pharmaceutical composition according to claim 50, wherein the bioactive agent is one of antibodies, antigens, antibiotics, wound sterilization substances, thrombin, blood clotting factors, chemo-therapeutic drugs, gene therapy agents or combinations thereof.

52. The pharmaceutical composition according to claim 50, wherein the bioactive agent comprises a diagnostic marker.

53. The pharmaceutical composition according to claim 45, further comprising collagen, fibrinogen or thrombin.

54. A bandage or dressing for inducing rapid blood coagulation and